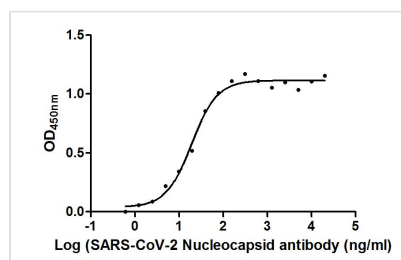




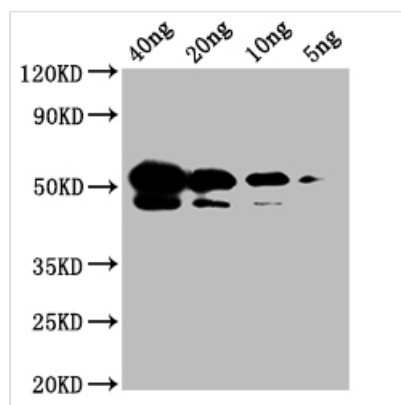
Nucleoprotein (NTD) Antibody

Product Code	CSB-MA33255A2m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P0DTC9
Immunogen	Recombinant Human Novel Coronavirus Nucleoprotein (N) (1-419aa) (CSB-YP3325GMY)
Raised In	Mouse
Species Reactivity	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Tested Applications	WB, ELISA; Recommended dilution: WB:1000-5000, ELISA:1:1000-1:5000
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Clone No.	9B12F2

Image



The Binding Activity of SARS-CoV-2-N Antibody with SARS-CoV-2-N Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-N (CSB-YP3325GMY) at 2 µg/ml can bind SARS-CoV-2-N Antibody, the EC₅₀ is 15.36 to 23.97 ng/ml.

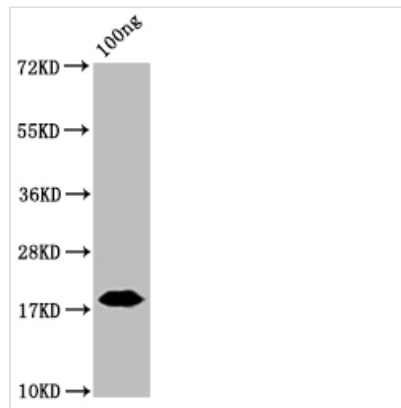


Western Blot

Positive WB detected in: SARS-CoV-2 nucleocapsid recombinant protein from E. Coli (CSB-EP3325GMY) at 40ng, 20ng, 10ng, 5ng
All lanes N antibody at 1:1000

Secondary

Goat polyclonal to mouse IgG at 1/50000 dilution
Predicted band size: 48 KDa
Observed band size: 55 KDa


Western Blot

Positive WB detected in: SARS-CoV-2 nucleocapsid recombinant protein from E. Coli (CSB-EP3325GMY1) at 100ng

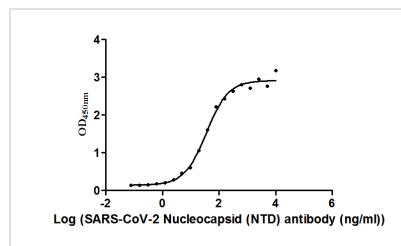
All lanes N antibody at 1:2000

Secondary

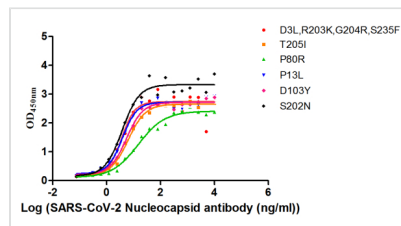
Goat polyclonal to mouse IgG at 1/50000 dilution

Predicted band size: 18 KDa

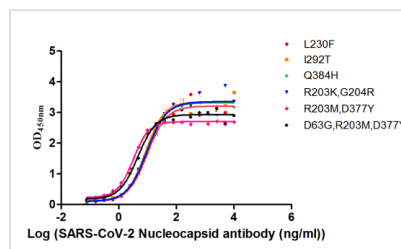
Observed band size: 18 KDa


The Binding Activity of SARS-CoV-2-N (NTD) Antibody with SARS-CoV-2-N (NTD) Activity:

Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-N (CSB-EP3325GMY1) at 2 µg/ml can bind SARS-CoV-2-N (NTD) Antibody, the EC₅₀ is 30.98 to 40.70 ng/ml.


The Binding Activity of N protein with N Antibody.

Activity: Measured by its binding ability in a functional ELISA. Immobilized N at 2 µg/ml can bind N Antibody, the EC₅₀ of N Antibody.


The Binding Activity of N protein with N Antibody.

Activity: Measured by its binding ability in a functional ELISA. Immobilized N at 2 µg/ml can bind N Antibody, the EC₅₀ of N Antibody.

Protein Code	Variants	EC50 (ng/mL)
CSB-EP3325GMY (M1)	D3L, R203K, G204R, S235F	2.073-6.333
CSB-EP3325GMY (M2)	T205I	5.660-6.932
CSB-EP3325GMY (M3)	P80R	11.40-19.77
CSB-EP3325GMY (M4)	P13L	3.246-4.503
CSB-EP3325GMY (M5)	D103Y	4.620-6.350
CSB-EP3325GMY (M8)	S202N	2.655-5.389
CSB-EP3325GMY (M9)	L230F	7.401-12.67
CSB-EP3325GMY (M10)	I292T	6.560-11.01
CSB-EP3325GMY (M11)	Q384H	7.617-10.60
CSB-EP3325GMY (M12)	R203K, G204R	6.775-13.04
CSB-EP3325GMY (M13)	R203M, D377Y	2.775-3.525
CSB-EP3325GMY (M14)	D63G, R203M, D377Y	3.834-5.294

The Binding Activity of N protein with N Antibody.

Activity: Measured by its binding ability in a functional ELISA. Immobilized N at 2 µg/ml can bind N Antibody, the EC₅₀ of N Antibody.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.